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Translation

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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

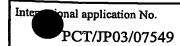
Applicant's or agent's file reference PH-1816-PCT		FOR FURTHER ACTION SeeNotificationofTransmittalofInternatio Examination Report (Form PCT/IPEA/4)			
nternational application No.	International filing date (d	ay/month/year)	Priority date (day/month/year)		
PCT/JP2003/007549	13 June 2003 (13	.06.2003)	20 June 2002 (20.06.2002)		
nternational Patent Classification (IPC) G02F 1/133, H05B 33/14, 3 Applicant	or national classification and IP 3/26, G09F 9/40, 9/30, G09G SHARP KABUSHI	3/30, 3/20			
			regional Preliminary Examining Authority		
and is transmitted to the applic	ant according to Article 30.		national Preliminary Examining Authority		
2. This REPORT consists of a total of sheets, including this cover sheet. This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).					
	of a total of 9 she				
3. This report contains indications relating to the following items: 1 Basis of the report					
IV Lack of unity of invention Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability Reasoned explanations supporting such statement					
Citations and explanations supporting to the control of the contro					
VI Certain documents cited					
VII Certain defects in the international application VIII Certain observations on the international application					
Date of submission of the demand 21 August 2003 (21.08.2003)		Date of completi	on of this report		
		01	December 2003 (01.12.2003)		
Name and mailing address of the II	PEA/JP	Authorized offic	eer		
Facsimile No.	١	Telephone No.			



1		
	Internal application No.	
	PCT/JP2003/007549	9

I. Basis	of the re	port					
1. With	regard to	the elements of the international application:*					
		mational application as originally filed					
$\overline{\boxtimes}$	the desc	- ·					
	pages						
l	pages		, as originally filed				
	pages	, filed with the letter of	, filed with the demand				
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	the clain	ns:					
	pages		, as originally filed				
	pages _ pages	, as amended (toget	her with any statement under Article 19				
	pages _	1 4 7 10 12 10	, filed with the demand				
	pagos _	1-4, 7-10, 13-18 , filed with the letter of	13 November 2003 (13.11.2003)				
\bowtie	the draw	ings:					
	pages _	1/7, 7/7	, as originally filed				
	pages _		, filed with the demand				
	pages _	, filed with the letter of					
t	he sequen	ce listing part of the description:					
	pages _	•					
	pages _		, as originally filed				
	pages	, filed with the letter of	, filed with the demand				
3. With prelin	the language or 55.3). regard to the language or 55.3 to the language or 55.3 to the language of the language	o any nucleotide and/or amino acid sequence disclosed in the intermination was carried out on the basis of the sequence listing: d in the international application in written form. ether with the international application in computer readable form. I subsequently to this Authority in written form.	ry examination (under Rule 55.2 and/				
片		subsequently to this Authority in computer readable form.					
		ement that the subsequently furnished written sequence listing does no onal application as filed has been furnished. Ement that the information recorded in computer readable form is identically					
	been furn	ished.	to the written sequence listing has				
ı. 🔯 	Lh th	e claims, Nos5, 6, 11, 12					
	th	drawings, sheets/fig	i				
. 🔲 1	This repor	t has been established as if (some of) the amendments had not been made, se disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**	since they have been considered to go				
and 70.). <i>17</i>).	ets which have been furnished to the receiving Office in response to an invit s "originally filed" and are not annexed to this report since they do n	ot contain amendments (Rule 70.16				
* Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.							





V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement						
1. Statement						
Novelty (N)	Claims	1-4, 7-10, 13-18	YES			
	Claims		NO			
Inventive step (IS)	Claims	2, 7-10, 13, 14	YES			
	Claims	1, 3-4, 15-18	NO			
Industrial applicability (IA)	Claims	- 1-4, 7-10, 13-18	YES			
	Claims		NO			
						

2. Citations and explanations

Document 1: JP 7-244267 A (Nippon Telegraph And Telephone Corp.), September 19, 1995

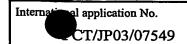
Document 2: JP 8-152619 A (Sharp Corp.), June 11, 1996 Document 3: JP 7-218899 A (Fujitsu Ltd.), August 18, 1995

The inventions relating to claims 1, 3-4 and 15-18 do not appear to involve an inventive step over documents 1, 2 and 3. It is obvious for a person skilled in the art to use display control means described in detail in document 2 (Fig. 20) and document 3 (Fig. 2) as a method for changing a scan direction described in document 1 (par. [0017]).

It is obvious that a normal image on the other side of a display panel is a mirror image on the one side. It is obvious that the time for a shutter to remain closed so that a display appears continuous must be one frame or a unit scanning period having one frame as a unit. Therefore, the inventions relating to claims 1, 3-4 and 15-18 do not appear to involve an inventive step based on documents 1, 2 and 3.

None of the documents cited in the ISR describes the inventions relating to claims 2, 7-10, 13 and 14, nor are these obvious to a person skilled in the art.





VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

- 1. "Claim 11" which is cited in amended claim 14 has been deleted and so this is clearly an error for "claim 10."
- 2. There is no corresponding recitation of "said mirror image" in amended claim 4.